

09/700643

532 Rec'd PCT/PTO 16 NOV 2000

SEQUENCE LISTING

<110> Matsumoto, Hirokazu
<110> Kitada, Chieko
<110> Hinuma, Shuji
<120> ANTIBODY AND USE THEREOF

<130> 2523US0P

<150> PCT/JP99/02650

<150> 1999-05-20

<150> JP 10-140293

<151> 1998-5-21

<160> 13

<210> 1

<211> 31

<212> PRT

<213> Bovine

<223> Xaa means Phe-NH2

<400> 1

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
5 10 15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Xaa
20 25 30

<210> 2

<211> 31

<212> PRT

<213> Human

<223> Xaa means Phe-NH2

<400> 2

Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
5 10 15

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa
20 25 30

<210> 3

<211> 31

<212> PRT

<213> Rat

<223> Xaa means Phe-NH2

<400> 3

Ser Arg Ala His Gln His Ser Met Glu Thr Arg Thr Pro Asp Ile Asn
5 10 15

Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro Val Gly Arg Xaa
20 25 30

<210> 4

<211> 15

<212> PRT

<213> Human

<223> Xaa means Phe-NH2

<400> 4

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa
5 10 15

<210> 5

<211> 20

<212> PRT

<213> Human

<223> Xaa means Phe-NH2

<400> 5

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro
5 10 15

Val Gly Arg Xaa
20

<210> 6

<211> 15

<212> PRT

<213> Human

<223> Xaa on the 1st position means Ac-Pro, Xaa on the 4th position means Tyr(Ac),
and Xaa on the 15th position means Phe-NH2

<400> 6

Xaa Ala Trp Xaa Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa
5 10 15

<210> 7

<211> 15

<212> PRT

<213> Human

<223> Xaa means Phe-NH2

<400> 7

Cys Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa
5 10 15

<210> 8

<211> 33

<212> PRT

<213> Bovine

<400> 8

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
5 10 15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly
20 25 30

Arg

<210> 9

<211> 31

<212> PRT

<213> Human

<223> Xaa means Phe-NH2

<400> 9

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
5 10 15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe
20 25 30

<210> 10

<211> 30

<212> PRT

<213> Human

<223> Xaa means Arg-NH2

<400> 10

Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn
5 10 15

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Xaa
20 25 30

<210> 11

<211> 14

<212> PRT

<213> Human

<223> Xaa means Cys-NH2

<400> 11

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Xaa
5 10

<210> 12

<211> 20

<212> PRT

<213> Bovine

<223> Xaa means Phe-NH2

<400> 12

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro
5 10 15

Val Gly Arg Xaa
20

<210> 13

<211> 20

<212> PRT

<213> Rat

<223> Xaa means Phe-NH2

<400> 13

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro
5 10 15

Val Gly Arg Xaa
20

09/700643

1/6

532 Rec'd PCT/PTO 16 NOV 2000

SEQUENCE LISTING

<110> Takeda Chemical Industries, Ltd.

<120> Antibody and its use

<130> A98081

<150> JP 10-140293

<151> 1998-5-21

<160> 14

<210> 1

<211> 31

<212> PRT

<213> Bovine

<223> Xaa means Phe-NH₂

<400> 1

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Xaa

20

25

30

<210> 2

<211> 31

<212> PRT

<213> Human

<223> Xaa means Phe-NH₂

<400> 2

Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

20

25

30

<210> 3

<211> 31

<212> PRT

<213> Rat

<223> Xaa means Phe-NH₂

<400> 3

Ser Arg Ala His Gln His Ser Met Glu Thr Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro Val Gly Arg Xaa

20

25

30

<210> 4

<211> 15

<212> PRT

<213> Human

<223> Xaa means Phe-NH₂

<400> 4

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

5

10

15

<210> 5

<211> 20

<212> PRT

<213> Human

<223> Xaa means Phe-NH₂

<400> 5

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro

5

10

15

Val Gly Arg Xaa

20

<210> 6

<211> 15

<212> PRT

<213> Human

<223> Xaa on the 1st position means Ac-Pro, Xaa on the 4th position means Tyr (Ac),
and Xaa on the 15th position means Phe-NH₂

<400> 6

Xaa Ala Trp Xaa Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

5

10

15

<210> 7

<211> 15

<212> PRT

<213> Human

<223> Xaa means Phe-NH₂,

<400> 7

Cys Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Arg Xaa

5

10

15

<210> 8

<211> 33

<212> PRT

<213> Bovine

<400> 8

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe Gly

20

25

30

Arg

<210> 9

<211> 31

<212> PRT

<213> Human

<223> Xaa means Phe-NH₂

<400> 9

Ser Arg Ala His Gln His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro Val Gly Arg Phe

20

25

30

<210> 10

<211> 30

<212> PRT

<213> Human

<223> Xaa means Arg-NH₂

<400> 10

Ser Arg Thr His Arg His Ser Met Glu Ile Arg Thr Pro Asp Ile Asn

5

10

15

Pro Ala Trp Tyr Ala Ser Arg Gly Ile Arg Pro Val Gly Xaa

20

25

30

<210> 11

<211> 14

<212> PRT

<213> Human

<223> Xaa means Cys-NH₂

<400> 11

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Ser Arg Gly Xaa

5 10

<210> 12

<211> 20

<212> PRT

<213> Bovine

<223> Xaa means Phe-NH₂

<400> 12

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Ala Gly Arg Gly Ile Arg Pro

5 10 15

Val Gly Arg Xaa

20

<210> 13

<211> 20

<212> PRT

<213> Rat

<223> Xaa means Phe-NH₂

<400> 13

Thr Pro Asp Ile Asn Pro Ala Trp Tyr Thr Gly Arg Gly Ile Arg Pro

5 10 15

Val Gly Arg Xaa

THIS PAGE BLANK (USPTO)